



Answers to Exercise TR10.1 Marine Turtle Anatomical Features and Species ID

QUESTION 1

- presence of scutes;
- number of coastal scutes;
- number of pre-frontal scutes

QUESTION 2

1 – Male; 2 – Male; 3 – Juvenile; 4 – Female (only females go to land to lay their eggs).

QUESTION 3

1. Loggerhead Turtle

- 5 pairs of costal scales
- 2 prefrontal pairs

2. Olive Ridley Turtle

- > 5 pairs of costal scales
- 2 pairs pre-frontal scales

3. Hawksbill Turtle

- Pointed hooked beak

4. Green Turtle

- 4 pairs of costal scales
- 1 pair of pre-frontals scales

5. Leatherback Turtle

- No scales (carapace covered by a leathery skin)





Answers to Exercise TR10.2 Seabirds Anatomical Features and Species ID

QUESTION 1

- Relative size and wingspan length
- Shape of the bill and nostrils
- Shape of the feet

QUESTION 2

1. Black-browed Albatross (*Thalassarche melanophrys*)
2. Cape (Pintado) Petrel (*Daption capense*)
3. Red-footed Booby (*Sula sula*)
 - Bright red feet. Surface diving at great depth using wings
4. Frigatebird (*Fregata sp.*)
 - Very long hooked beak, body essentially black and deeply forked, scissor-tails. Aerial piracy
5. Indian Yellow-nosed Albatross (*Thalassarche carteri*)
 - Yellow line on upper bill only
6. Black-browed Albatross (*Thalassarche melanophrys*)
7. Cape Gannet (*Morus capensis*)
 - Golden head with black stripe on throat





Answers to Exercise TR10.3 Cetaceans Anatomical Features and Species ID

QUESTION 1

- Size
- Dorsal fin position, shape, colour
- Body and head shape

QUESTION 2

1. Humpback Whale (*Megaptera novaeangliae*)
2. Blue Whale (*Balaenoptera musculus*)
3. Bryde's Whale (*Balaenoptera edeni/brydei*)
4. Fin Whale (*Balaenoptera physalus*)
5. Sperm Whale (*Physeter macrocephalus*)
6. Short-finned Pilot Whale (*Globicephala macrorhynchus*)
7. Killer Whale (*Orcinus orca*)
8. False Killer Whale (*Pseudorca crassidens*)

